



60-13

9-13-03

SEMI-ANNUAL MONITORING REPORT (4)

North Mecklenburg Landfill – Expansion Area
Holbrooks Road
Huntersville, North Carolina

| Project ID # | Date | DocID# |
|--------------|---------|--------|
| 80 | 6/28/03 | DIN |

Prepared for:
Mr. Ron Gilkerson
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031

Per Tim Jewett:

- No closure letter has been issued for closed areas Phase III
- only has minimum 2' soil cap.

No VOCs
-No metals > 2%

Prepared by:
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, North Carolina

Project Number EP-1292

October 10, 2003

Thomas H. Belyard

Field Sampling Activities

On September 13, 2003, Enviro-Pro (EP) personnel collected groundwater samples from on-site perimeter monitor wells MW-12, MW-13, MW-14, MW-15, and MW-16 and surface water samples SW-1 (upgradient) and SW-2 (downgradient). The procedures for groundwater measurement and sampling were as follows:

- 1) Initially, the monitor well caps were removed to allow the groundwater levels to equilibrate to the ambient atmospheric pressure. Next, the depth to groundwater from a measuring point on top of the well casing was recorded. Water level measurements were obtained using an electronic water level meter. The water level probe was decontaminated between monitor wells with deionized water and isopropyl alcohol.
- 2) At least three well volumes were removed from each monitor well to purge stagnant water and to ensure that fresh formation water would be sampled. Purging was conducted using dedicated disposable bailers. Each well was then sampled utilizing laboratory prepared containers, labeled, and packed on ice in a portable cooler for shipment to Shealy Environmental Services, Inc., a North Carolina-certified laboratory in Cayce, South Carolina. Chain-of-Custody documentation is included with the analytical reports in Appendix A.
- 3) Quality assurance/quality control (QA/QC) measures in the field included wearing disposable sample gloves during sampling activities and changing them between sample locations to protect the groundwater samples from cross-contamination. Analytical QA/QC included a trip blank and a field (bailer rinse) blank analyzed for volatile organic compounds (VOCs) by Method 8260B. Only clean, laboratory supplied sample containers were utilized.

The field information obtained during well purging is summarized on the Well Development, Purge, and Sample Record included as Appendix B. Groundwater levels increased in MW-13, MW-14, and MW-15 since the previous sampling event on March 26, 2003. The groundwater level in MW-12 decreased and the groundwater level remained the same in MW-16.

Laboratory Test Results

In accordance with regulatory requirements, the five monitor well samples and the two surface water samples were analyzed for the eight RCRA metals and volatile organic compounds (VOCs) via EPA Method 8260B by Shealy Environmental Services. Shealy's Report of Analysis is attached as Appendix A, with a summary of groundwater and surface water analytical results for this sampling event included in Table I.

Laboratory test results indicated that no metals or VOC compounds were detected above their respective regulatory limits in any of the monitor well, surface water, or QA/QC samples tested. The barium and selenium levels detected in the monitor wells and stream samples are representative of those naturally occurring in the bedrock, soil, and groundwater in this area.

The next sampling event for the North Mecklenburg C&D Landfill-Expansion Area is scheduled for March 2004.

TABLE 1
SUMMARY OF GROUNDWATER AND SURFACE WATER RESULTS
 North Mecklenburg C&D Landfill - Expansion Area
 Holbrooks Road
 Huntersville, North Carolina

| Sample ID | 3/16/02 | | 10/31/02 | 3/26/03 | 9/13/03 | |
|--------------------|----------|-------------|----------|----------|----------|-------------|
| | Barium | Chromium | Barium | Barium | Barium | Selenium |
| MW-12 | 0.046 | 0.0064 | NT | BDL | 0.031 | BDL |
| MW-13 | 0.098 | 0.007 | 0.061 | 0.055 | 0.072 | BDL |
| MW-14 | 0.046 | BDL | 0.054 | 0.083 | 0.16 | 0.0059 |
| MW-15 | 0.074 | BDL | 0.04 | 0.059 | 0.062 | BDL |
| MW-16 | 0.071 | BDL | 0.041 | 0.039 | 0.094 | 0.0058 |
| SW-1 | 0.027 | BDL | 0.047 | 0.03 | 0.058 | BDL |
| SW-2 | 0.038 | BDL | 0.06 | 0.045 | BDL | BDL |
| 2L Standard | 2 | 0.05 | 2 | 2 | 2 | 0.05 |

Notes: All results are presented in milligrams per liter (mg/l)

BDL = Below detection limit

NT = Not tested

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Attention: Tom Bolyard

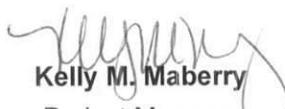
Project Name: **North Mecklenburg Landfill - Expansion Area**

Project Number: **EP-1217**

Lot Number: **EI15007**

Date Completed: **09/26/2003**

Date Revised: **10/01/2003**



Kelly M. Maberry
Project Manager

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.



SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DEHNR No: 329

**Case Narrative
Enviro-Pro, P.C.
Lot Number: EI15007**

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative.

Sample receipt, sample analysis, and data review have been performed in accordance with Shealy's Quality Assurance Management Plan and Standard Operating Procedures. Any data qualifiers associated with sample analysis are footnoted on the analytical results page(s) or are discussed below.

SHEALY ENVIRONMENTAL SERVICES, INC.

**Sample Summary
Enviro-Pro, P.C.
Lot Number: EI15007**

| <u>Sample Number</u> | <u>Sample ID</u> | | <u>Matrix</u> | <u>Date Sampled</u> |
|----------------------|------------------|---------------------------------------|---------------|---------------------|
| 001 | MW-1 | | Aqueous | 09/13/2003 0900 |
| 002 | MW-4 | | Aqueous | 09/13/2003 0915 |
| 003 | MW-5 | | Aqueous | 09/13/2003 0930 |
| 004 | MW-6 | | Aqueous | 09/13/2003 0945 |
| 005 | MW-10 | | Aqueous | 09/13/2003 1000 |
| 006 | MW-11 | | Aqueous | 09/13/2003 1015 |
| 007 | MW-12 | N.Meck. C&D Landfill - Expansion Area | Aqueous | 09/13/2003 1030 |
| 008 | MW-13 | | Aqueous | 09/13/2003 1045 |
| 009 | MW-14 | | Aqueous | 09/13/2003 1100 |
| 010 | MW-15 | | Aqueous | 09/13/2003 1115 |
| 011 | MW-16 | | Aqueous | 09/13/2003 1130 |
| 012 | SW-1 | | Aqueous | 09/13/2003 1145 |
| 013 | SW-2 | | Aqueous | 09/13/2003 1200 |
| 014 | Field Blank | | Aqueous | 09/13/2003 1215 |
| 015 | Trip Blank | | Aqueous | 09/13/2003 |

(15 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary

Enviro-Pro, P.C.

Lot Number: EI15007

| <u>Sample</u> | <u>Sample ID</u> | <u>Matrix</u> | <u>Parameter</u> | <u>Method</u> | <u>Result</u> | <u>Q</u> | <u>Units</u> |
|---------------|------------------|---------------|------------------|---------------|---------------|----------|--------------|
| 001 | MW-1 | Aqueous | Barium | 6010B | 0.055 | | mg/L |
| 002 | MW-4 | Aqueous | Barium | 6010B | 0.19 | | mg/L |
| 003 | MW-5 | Aqueous | Barium | 6010B | 0.14 | | mg/L |
| 003 | MW-5 | Aqueous | Selenium | 6010B | 0.0088 | | mg/L |
| 004 | MW-6 | Aqueous | Barium | 6010B | 0.040 | | mg/L |
| 005 | MW-10 | Aqueous | Barium | 6010B | 0.10 | | mg/L |
| 006 | MW-11 | Aqueous | Barium | 6010B | 0.21 | | mg/L |
| 007 | MW-12 | Aqueous | Barium | 6010B | 0.031 | | mg/L |
| 008 | MW-13 | Aqueous | Barium | 6010B | 0.072 | | mg/L |
| 009 | MW-14 | Aqueous | Barium | 6010B | 0.16 | | mg/L |
| 009 | MW-14 | Aqueous | Selenium | 6010B | 0.0059 | | mg/L |
| 010 | MW-15 | Aqueous | Barium | 6010B | 0.062 | | mg/L |
| 011 | MW-16 | Aqueous | Barium | 6010B | 0.094 | | mg/L |
| 011 | MW-16 | Aqueous | Selenium | 6010B | 0.0058 | | mg/L |
| 012 | SW-1 | Aqueous | Barium | 6010B | 0.058 | | mg/L |

(15 detections)

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-007

Description: MW-12

Matrix: Aqueous

Date Sampled: 09/13/2003 1030

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|------------------------------------|-------------|-------------------|----------|-------------------|---------|-----------|-------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0245 | RED | | | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-007

Description: **MW-12**

Matrix: Aqueous

Date Sampled: 09/13/2003 1030

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0245 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|---------------------|----------------------|
| 1,2-Dichloroethane-d4 | | 120 | 70-130 |
| Bromofluorobenzene | | 81 | 70-130 |
| Toluene-d8 | | 115 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

weight basis unless flagged with a "W"

[View all posts by admin](#) | [View all posts in category](#)

Shealy Environmental Services, Inc.
106 Vantage Point Drive, Cayce, SC 29033 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Page: 30 of 60

Level 1 Report v2.0

ICP-AES

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-007

Description: MW-12

Matrix: Aqueous

Date Sampled: 09/13/2003 1030

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | 3030 C | 6010B | 1 | 09/15/2003 1847 | FTS | 09/15/2003 0928 | 11753 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|-----------|------------------|-------------------|--------------|---|--------------|-------------|----------|
| Arsenic | 7440-38-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Barium | 7440-39-3 | 6010B | 0.031 | | 0.025 | mg/L | 1 |
| Cadmium | 7440-43-9 | 6010B | ND | | 0.0020 | mg/L | 1 |
| Chromium | 7440-47-3 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Lead | 7439-92-1 | 6010B | ND | | 0.0030 | mg/L | 1 |
| Selenium | 7782-49-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Silver | 7440-22-4 | 6010B | ND | | 0.0050 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-007

Description: MW-12

Matrix: Aqueous

Date Sampled: 09/13/2003 1030

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|-----------|-------------|-------------------|----------|-------------------|---------|-----------------|---------|-------|-----|
| 1 | | 7470A | 1 | 09/19/2003 1549 | KM | 09/19/2003 1002 | 11811 | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Mercury | | 7439-97-6 | | 7470A | ND | | 0.00040 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-008

Description: MW-13

Matrix: Aqueous

Date Sampled: 09/13/2003 1045

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | |
|------------------------------------|-------------|-------------------|-------------------|-----------------|---------|-----------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0310 | RED | | | |
| Parameter | | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C. Laboratory ID: EI15007-008
 Description: MW-13 Matrix: Aqueous
 Date Sampled: 09/13/2003 1045
 Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0310 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 106 | 70-130 |
| Bromofluorobenzene | | 80 | 70-130 |
| Toluene-d8 | | 107 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: Enviro-Pro, P.C.
Description: MW-13
Date Sampled: 09/13/2003 1045
Date Received: 09/15/2003

Laboratory ID: EI15007-008
Matrix: Aqueous

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | 3030 C | 6010B | 1 | 09/15/2003 1853 | FTS | 09/15/2003 0928 | 11753 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|-----------|------------------|-------------------|--------------|---|--------------|-------------|----------|
| Arsenic | 7440-38-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Barium | 7440-39-3 | 6010B | 0.072 | | 0.025 | mg/L | 1 |
| Cadmium | 7440-43-9 | 6010B | ND | | 0.0020 | mg/L | 1 |
| Chromium | 7440-47-3 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Lead | 7439-92-1 | 6010B | ND | | 0.0030 | mg/L | 1 |
| Selenium | 7782-49-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Silver | 7440-22-4 | 6010B | ND | | 0.0050 | mg/L | 1 |

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result less than the PQL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

CVAA

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-008

Description: MW-13

Matrix: Aqueous

Date Sampled: 09/13/2003 1045

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | | 7470A | 1 | 09/19/2003 1550 | KM | 09/19/2003 1002 | 11811 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|-----------|------------|-------------------|--------|---|---------|-------|-----|
| Mercury | 7439-97-6 | 7470A | ND | | 0.00010 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-009

Description: MW-14

Matrix: Aqueous

Date Sampled: 09/13/2003 1100

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | |
|------------------------------------|-------------|-------------------|-------------------|-----------------|---------|-----------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0335 | RED | | | |
| Parameter | | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-009

Description: MW-14

Matrix: Aqueous

Date Sampled: 09/13/2003 1100

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0335 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 107 | 70-130 |
| Bromofluorobenzene | | 87 | 70-130 |
| Toluene-d8 | | 109 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-009

Description: MW-14

Matrix: Aqueous

Date Sampled: 09/13/2003 1100

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | 3030 C | 6010B | 1 | 09/15/2003 1859 | FTS | 09/15/2003 0928 | 11753 |
| 2 | 3030 C | 6010B | 1 | 09/16/2003 1046 | FTS | | 11753 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|-----------|------------------|-------------------|---------------|---|---------------|-------------|----------|
| Arsenic | 7440-38-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Barium | 7440-39-3 | 6010B | 0.16 | | 0.025 | mg/L | 1 |
| Cadmium | 7440-43-9 | 6010B | ND | | 0.0020 | mg/L | 1 |
| Chromium | 7440-47-3 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Lead | 7439-92-1 | 6010B | ND | | 0.0030 | mg/L | 1 |
| Selenium | 7782-49-2 | 6010B | 0.0059 | | 0.0050 | mg/L | 2 |
| Silver | 7440-22-4 | 6010B | ND | | 0.0050 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-009

Matrix: Aqueous

Date Sampled: 09/13/2003 1100

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | |
|-----------|-------------|-------------------|----------|-------------------|---------|-----------------|-------|---|
| 1 | | 7470A | 1 | 09/19/2003 1551 | KM | 09/19/2003 1002 | 11811 | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | |
| Mercury | | 7439-97-6 | | 7470A | ND | 0.00010 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.
 Description: MW-15
 Date Sampled: 09/13/2003 1115
 Date Received: 09/15/2003

Laboratory ID: EI15007-010
 Matrix: Aqueous

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|------------------------------------|-------------|-------------------|----------|-------------------|---------|-----------|-------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0400 | RED | | | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result less than the PQL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-010

Description: MW-15

Matrix: Aqueous

Date Sampled: 09/13/2003 1115

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0400 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 111 | 70-130 |
| Bromofluorobenzene | | 77 | 70-130 |
| Toluene-d8 | | 97 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-010

Description: MW-15

Matrix: Aqueous

Date Sampled: 09/13/2003 1115

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | 3030 C | 6010B | 1 | 09/15/2003 1905 | FTS | 09/15/2003 0928 | 11753 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|---------------|------------------|-------------------|--------------|---|--------------|-------------|----------|
| Arsenic | 7440-38-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Barium | 7440-39-3 | 6010B | 0.062 | | 0.025 | mg/L | 1 |
| Cadmium | 7440-43-9 | 6010B | ND | | 0.0020 | mg/L | 1 |
| Chromium | 7440-47-3 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Lead | 7439-92-1 | 6010B | ND | | 0.0030 | mg/L | 1 |
| Selenium | 7782-49-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Silver | 7440-22-4 | 6010B | ND | | 0.0050 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-010

Description: MW-15

Matrix: Aqueous

Date Sampled: 09/13/2003 1115

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|-----------|-------------|-------------------|----------|-------------------|---------|-----------------|---------|-------|-----|
| 1 | | 7470A | 1 | 09/19/2003 1554 | KM | 09/19/2003 1002 | 11811 | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Mercury | | 7439-97-6 | | 7470A | ND | | 0.00010 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-011

Description: MW-16

Matrix: Aqueous

Date Sampled: 09/13/2003 1130

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|------------------------------------|-------------|-------------------|----------|-------------------|---------|-----------|-------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0425 | RED | | | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-011

Description: MW-16

Matrix: Aqueous

Date Sampled: 09/13/2003 1130

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0425 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 116 | 70-130 |
| Bromofluorobenzene | | 74 | 70-130 |
| Toluene-d8 | | 100 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-011

Description: MW-16

Matrix: Aqueous

Date Sampled: 09/13/2003 1130

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | 3030 C | 6010B | 1 | 09/15/2003 1911 | FTS | 09/15/2003 0928 | 11753 |
| 2 | 3030 C | 6010B | 1 | 09/16/2003 1052 | FTS | | 11753 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|-----------|------------------|-------------------|---------------|---|---------------|-------------|----------|
| Arsenic | 7440-38-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Barium | 7440-39-3 | 6010B | 0.094 | | 0.025 | mg/L | 1 |
| Cadmium | 7440-43-9 | 6010B | ND | | 0.0020 | mg/L | 1 |
| Chromium | 7440-47-3 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Lead | 7439-92-1 | 6010B | ND | | 0.0030 | mg/L | 1 |
| Selenium | 7782-49-2 | 6010B | 0.0058 | | 0.0050 | mg/L | 2 |
| Silver | 7440-22-4 | 6010B | ND | | 0.0050 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-011

Description: MW-16

Matrix: Aqueous

Date Sampled: 09/13/2003 1130

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|-----------|-------------|-------------------|----------|-------------------|---------|-----------------|---------|-------|-----|
| 1 | | 7470A | 1 | 09/19/2003 1555 | KM | 09/19/2003 1002 | 11811 | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Mercury | | 7439-97-6 | | 7470A | ND | | 0.00010 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-012

Description: SW-1

Matrix: Aqueous

Date Sampled: 09/13/2003 1145

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | |
|------------------------------------|-------------|-------------------|-------------------|-----------------|---------|-----------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0450 | RED | | | |
| Parameter | | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-012

Description: SW-1

Matrix: Aqueous

Date Sampled: 09/13/2003 1145

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0450 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 112 | 70-130 |
| Bromofluorobenzene | | 76 | 70-130 |
| Toluene-d8 | | 103 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-012

Description: SW-1

Matrix: Aqueous

Date Sampled: 09/13/2003 1145

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | 3030 C | 6010B | 1 | 09/15/2003 1928 | FTS | 09/15/2003 0928 | 11753 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|-----------|------------|-------------------|--------|---|--------|-------|-----|
| Arsenic | 7440-38-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Barium | 7440-39-3 | 6010B | 0.058 | | 0.025 | mg/L | 1 |
| Cadmium | 7440-43-9 | 6010B | ND | | 0.0020 | mg/L | 1 |
| Chromium | 7440-47-3 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Lead | 7439-92-1 | 6010B | ND | | 0.0030 | mg/L | 1 |
| Selenium | 7782-49-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Silver | 7440-22-4 | 6010B | ND | | 0.0050 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-012

Description: SW-1

Matrix: Aqueous

Date Sampled: 09/13/2003 1145

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|-----------|-------------|-------------------|----------|-------------------|---------|-----------------|---------|-------|-----|
| 1 | | 7470A | 1 | 09/19/2003 1556 | KM | 09/19/2003 1002 | 11811 | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Mercury | | 7439-97-6 | | 7470A | ND | | 0.00040 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-013

Description: SW-2

Matrix: Aqueous

Date Sampled: 09/13/2003 1200

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | |
|------------------------------------|-------------|-------------------|-------------------|-----------------|---------|-----------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0514 | RED | | | |
| Parameter | | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-013

Description: SW-2

Matrix: Aqueous

Date Sampled: 09/13/2003 1200

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0514 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 114 | 70-130 |
| Bromofluorobenzene | | 78 | 70-130 |
| Toluene-d8 | | 105 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-013

Description: SW-2

Matrix: Aqueous

Date Sampled: 09/13/2003 1200

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | 3030 C | 6010B | 1 | 09/15/2003 1934 | FTS | 09/15/2003 0928 | 11753 |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|-----------|------------|-------------------|--------|---|--------|-------|-----|
| Arsenic | 7440-38-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Barium | 7440-39-3 | 6010B | ND | | 0.025 | mg/L | 1 |
| Cadmium | 7440-43-9 | 6010B | ND | | 0.0020 | mg/L | 1 |
| Chromium | 7440-47-3 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Lead | 7439-92-1 | 6010B | ND | | 0.0030 | mg/L | 1 |
| Selenium | 7782-49-2 | 6010B | ND | | 0.0050 | mg/L | 1 |
| Silver | 7440-22-4 | 6010B | ND | | 0.0050 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-013

Description: SW-2

Matrix: Aqueous

Date Sampled: 09/13/2003 1200

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | | |
|-----------|-------------|-------------------|----------|-------------------|---------|-----------------|---------|-------|-----|
| 1 | | 7470A | 1 | 09/19/2003 1557 | KM | 09/19/2003 1002 | 11811 | | |
| Parameter | | CAS Number | | Analytical Method | Result | Q | PQL | Units | Run |
| Mercury | | 7439-97-6 | | 7470A | ND | | 0.00040 | mg/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-014

Description: Field Blank

Matrix: Aqueous

Date Sampled: 09/13/2003 1215

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | |
|------------------------------------|-------------|-------------------|-------------------|-----------------|---------|-----------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0539 | RED | | | |
| Parameter | | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-014

Description: Field Blank

Matrix: Aqueous

Date Sampled: 09/13/2003 1215

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/20/2003 0539 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 112 | 70-130 |
| Bromofluorobenzene | | 77 | 70-130 |
| Toluene-d8 | | 110 | 70-130 |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the PQL

J = Estimated result less than the PQL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-015

Description: Trip Blank

Matrix: Aqueous

Date Sampled: 09/13/2003

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch | |
|------------------------------------|-------------|-------------------|-------------------|-----------------|---------|-----------|-------|-----|
| 1 | 5030B | 8260B | 1 | 09/21/2003 2109 | RED | | | |
| Parameter | | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
| Acetone | | 67-64-1 | 8260B | ND | | 20 | ug/L | 1 |
| Acrylonitrile | | 107-13-1 | 8260B | ND | | 50 | ug/L | 1 |
| Benzene | | 71-43-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromochloromethane | | 74-97-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromodichloromethane | | 75-27-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromoform | | 75-25-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Bromomethane (Methyl bromide) | | 74-83-9 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Butanone (MEK) | | 78-93-3 | 8260B | ND | | 10 | ug/L | 1 |
| Carbon disulfide | | 75-15-0 | 8260B | ND | | 5.0 | ug/L | 1 |
| Carbon tetrachloride | | 56-23-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chlorobenzene | | 108-90-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroethane | | 75-00-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloroform | | 67-66-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| Chloromethane (Methyl chloride) | | 74-87-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | | 96-12-8 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromochloromethane | | 124-48-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dibromoethane (EDB) | | 106-93-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Dibromomethane (Methylene bromide) | | 74-95-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,4-Dichloro-2-butene | | 110-57-6 | 8260B | ND | | 10 | ug/L | 1 |
| 1,2-Dichlorobenzene | | 95-50-1 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,4-Dichlorobenzene | | 106-46-7 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethane | | 75-34-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloroethane | | 107-06-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1-Dichloroethene | | 75-35-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,2-Dichloroethene | | 156-59-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,2-Dichloroethene | | 156-60-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,2-Dichloropropane | | 78-87-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| cis-1,3-Dichloropropene | | 10061-01-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| trans-1,3-Dichloropropene | | 10061-02-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Ethylbenzene | | 100-41-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 2-Hexanone | | 591-78-6 | 8260B | ND | | 10 | ug/L | 1 |
| Methyl iodide (Iodomethane) | | 74-88-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| 4-Methyl-2-pentanone | | 108-10-1 | 8260B | ND | | 10 | ug/L | 1 |
| Methylene chloride | | 75-09-2 | 8260B | ND | | 5.0 | ug/L | 1 |
| Styrene | | 100-42-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1,2-Tetrachloroethane | | 630-20-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2,2-Tetrachloroethane | | 79-34-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Tetrachloroethene | | 127-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Toluene | | 108-88-3 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,1-Trichloroethane | | 71-55-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| 1,1,2-Trichloroethane | | 79-00-5 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichloroethene | | 79-01-6 | 8260B | ND | | 5.0 | ug/L | 1 |
| Trichlorofluoromethane | | 75-69-4 | 8260B | ND | | 5.0 | ug/L | 1 |

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result less than the PQL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

Volatile Organic Compounds by GC/MS (continued)

Client: Enviro-Pro, P.C.

Laboratory ID: EI15007-015

Description: Trip Blank

Matrix: Aqueous

Date Sampled: 09/13/2003

Date Received: 09/15/2003

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1 | 5030B | 8260B | 1 | 09/21/2003 2109 | RED | | |

| Parameter | CAS Number | Analytical Method | Result | Q | PQL | Units | Run |
|------------------------|------------|-------------------|--------|---|-----|-------|-----|
| 1,2,3-Trichloropropane | 96-18-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl acetate | 108-05-4 | 8260B | ND | | 5.0 | ug/L | 1 |
| Vinyl chloride | 75-01-4 | 8260B | ND | | 2.0 | ug/L | 1 |
| Xylenes (total) | 1330-20-7 | 8260B | ND | | 5.0 | ug/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| 1,2-Dichloroethane-d4 | | 115 | 70-130 |
| Bromofluorobenzene | | 73 | 70-130 |
| Toluene-d8 | | 108 | 70-130 |

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result less than the PQL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%



SHEALY ENVIRONMENTAL SERVICES, INC.

Chain of Custody Record

106 Vantage Point Drive
Cayce, South Carolina 29033

Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 00172

| | | | | | | | | |
|---|------------------|----------|---------------------|-------------------|--|---|-----------|--------|
| Client | Enviro-Pro, P.C. | | Project Manager | T. Boyd | Telephone No. / Fax No. / E-mail | 704 583 0075 | Quote No. | 745qe |
| Address | 15101 Regena Ln. | | Sampler's Signature | <i>Tommy Boyd</i> | Waybill No. | | Page | 2 of 2 |
| City | Charlotte | State NC | Zip Code 28218 | Printed Name | Tommy Boyd | Analyst (Attach list if more space is needed.) <i>Tommy Boyd</i> | | |
| Project Name | NMLF Expansion | | P.O. No. | | Lot No. | | | |
| Project No. | EP- 1292 | | Date | Time | No. of Containers by Preservative Type | | | |
| Sample ID / Description (Containers for each sample may be combined on one line.) G=Glass C=Composite Aqueous Cetomaceous Solid Nonaqueous H2SO4 Urine HNO3 HCl NaOH 5035 KII | | | | | | | | |
| MW-12 | 9/13/03 | | 10:30 | G X | 1 3 | V V | | |
| MW-13 | 9 | | 10:45 | G X | 1 3 | V V | | |
| MW-14 | 9 | | 11:00 | G X | 1 3 | V V | | |
| MW-15 | 9 | | 11:15 | G X | 1 3 | V V | | |
| MW-16 | 9 | | 11:30 | G X | 1 3 | V V | | |
| SW-1 | 9 | | 11:45 | G X | 1 3 | V V | | |
| SW-2 | 9 | | 12:00 | G X | 1 3 | V V | | |
| Field Blank | 9 | | 12:15 | G X | 2 | V | | |
| Trip Blank | | | | X | 2 | V | | |
| Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown | | | | | Sample Disposal | <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab | | |
| Turn Around Time Required (Prior lab approval required for expedited TAT.) <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (Specify) 7 day T.A.T. | | | | | | | | |
| QC Requirements (Specify) 1. Received by <i>Tommy Boyd</i> Date 9/13/03 Time 10:30 2. Received by <i>Tommy Boyd</i> Date 9/13/03 Time 10:30 3. Laboratory received by <i>Tommy Boyd</i> Date 9/15/03 Time 10:15 LAB USE ONLY Received on ice (Circle) <input checked="" type="checkbox"/> Yes No Ice Pack Comments <i>Received on ice</i> | | | | | | | | |
| DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Cient Copy | | | | | | | | |

Sample Receipt Checklist

Client: Enviro Pro

Cooler Inspected by/date: 10/19/03 Lot #: ET15007

Means of receipt: SESI Client UPS FedEx Airborne Exp Other

Yes No NA 1. Were custody seals present on the cooler?

Yes No NA 2. If custody seals were present, were they intact and unbroken?

Cooler temperature upon receipt 5.5 °C

Method: Temperature Blank Against Bottles

Method of coolant: Wet Ice Blue Ice Dry Ice None

If response is No (or Yes for 13,14,15), an explanation/resolution must be provided.

Yes No NA 3. Is the shipper's packing slip attached to this form?

Yes No NA 4. Were proper custody procedures followed?

Yes No NA 5. Were sample IDs listed?

Yes No NA 6. Was collection date & time listed?

Yes No NA 7. Were tests to be performed listed on the COC or was quote # provided?

Yes No NA 8. Did all samples arrive in the proper containers for each test?

Yes No NA 9. Did all container labels agree with COC?

Yes No NA 10. Did all containers arrive in good condition (unbroken)?

Yes No NA 11. Was adequate sample volume available?

Yes No NA 12. Were all samples received within ½ the holding time or 48 hours, whichever comes first?

Yes No NA 13. Were any samples containers missing?

Yes No NA 14. Were there any excess samples not listed on COC?

Yes No NA 15. Was headspace >6 mm present in any VOA vials?

Yes No NA 16. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?

Yes No NA 17. Were all cyanide and/or sulfide samples received at a pH >12?

Yes No NA 18. Were all NH3/TKN/cyanide/BNA/pest/PCB/herb (<0.2 mg/L) and toxicity (<0.1 mg/L) samples free of residual chlorine?

Yes No NA 19. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving.

Sample(s) _____ were received with headspace >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes No

Did client respond: Yes No

Date of response: _____

SESI employee: _____

Comments: _____

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: N Neck Landfill, LLC
LOCATION: Hunterville, NC
PROJECT NAME/DESCRIPTION: N Neck, and Expansion

LOCATION: Waukesha

PROTECT NAME/DESCRIPTION

PROTECT NAME/DESCRIPTION

PROJECT NUMBER: 10001 MEASUREMENTS:

DEVELOP.
PURGING.
SAMPLING

ED-1292
T40

PROJECT NO. _____
PROJ. MGR. _____
CHECKED BY _____
PREPARED BY _____

卷之三

To calculate volume of water in the well multiply "H" by 0.163 for a 2" well, 0.652 for a 4" well, or 1.409 for a 6" well.

To calculate purge volume, multiply "P" by the desired number of wet volumes (e.g., 3 to 5).



October 27, 2003

Mr. Larry Rose
North Carolina Department of Environment
Health and Natural Resources
Division of Solid Waste Management
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

RE: Semi-Annual Groundwater Sampling Report
North Mecklenburg Landfill- Expansion Area
Huntersville, North Carolina

Dear Mr. Rose,

As required, North Mecklenburg Landfill-Expansion Area has completed our semi-annual groundwater sampling event as discussed in the attached report (Enviro-Pro, report dated October 10, 2003).

If you have any questions, please do not hesitate to contact me at 704-895-0329.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald C. Gilkerson".

Ronald C. Gilkerson





October 10, 2003

Mr. Ron Gilkerson
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

RE: Second Semi-Annual Groundwater Sampling Report (2003)
North Mecklenburg Landfill – Expansion Area
Huntersville, NC
Project No. EP-1292

Dear Mr. Gilkerson:

In accordance with the Water Quality Monitoring Plan approved by the North Carolina DENR-Solid Waste Section as part of the Site Plan Application Report, Enviro-Pro, P.C. (EP) is pleased to submit this report which describes the second 2003 semi-annual sampling event and summarizes the surface water and groundwater analytical results for the subject site.

Enviro-Pro appreciates the opportunity to continue to provide our environmental services on your project. Please contact me at (704) 583-0075 if you have any questions concerning this Report or when we can be of further service.

Sincerely,
ENVIRO-PRO,P.C.

A handwritten signature in black ink that reads "Thomas H. Bolyard". The signature is fluid and cursive, with "Thomas" and "H." being more stylized and "Bolyard" having a more traditional script.

Thomas H. Bolyard, P.G.
Senior Hydrogeologist



ppb

7-17-98 Cd - 14 (MW-5)

3-20-98 Cd - MW-5 14
MW-10 6

7-18-97 Cr - MW-10 56
Pb - MW-10 19

4-11-97 ~~ME TB~~
~~Naphthalene 8 ppb~~

8-2-96

| | | | | | |
|---------|---------|------------|-----|---------|----|
| 9-12-94 | MW-1- | Chloroform | 6 | MW-3 pb | 46 |
| | MW-10 - | Acetone | 190 | 9 " | 36 |
| | (2) | MEK | 190 | 5 " | 16 |
| | | Toluene | 47 | | |

10-11-94 MW-10 Toluene 9 Sampling for
MW-10 only

1-19-94 MW-1 Ag - 61
Se - 114
pb - 31
MW-5 Ag - 131
Se 124
pb - 49

7-23-93 MW-1 Sc 204

MW-4 ~~Sc Pb~~ ~~Fe~~ 200

MW-5 Pb 160

Ni 110

60-13

N. Mecklenburg C+D LF

3-26-03 - No metals > 2L - No VOCs

10-31-02 - " " " - " "

10-6-01 - MW-5 Cd - 5.1 ppb

3-16-02 - No metals > 2L - No VOCs

3-23-01 - All wells - As. > 2L stds - including FB.

8-16-00 - No metals > 2L - No VOCs

3-9-00 - " " " " "

8-25-99 - " " " " "

4-13-99 - " " " " " - As. PQL 50 ppb

7-17-98 - MW-5 Cd - 14

3-20-98 - MW-5 Cd - 14 - As. PQL 50 ppb

MW-10 Cd - 6

7-18-97 - MW-10 Cr - 56 - Cd PQL - 10 ppb
Pb - 19

4-11-97 - No metals > 2L - No VOCs - As. PQL 50 ppb

8-2-96 - " " " " " -

9-12-94 - As. in all wells @ 20 ppb - As. PQL 20 ppb

MW-1 chloroform - 6

MW-10(2) acetone - 190

MEK - 190

Toluene - 47 (P)

MW-10 resampled 10-11-94

Toluene - 9

1-19-94 - MW-1 As. - 61

Se - 114

Pb. - 31

Cd PQL 20 ppb

MW-5 As. - 131

Se - 124

Pb - 49

7-23-93 - MW-1 Se - 204

MW-4 Pb - 200

MW-5 Pb - 160

Ni - 110

* Request was made
9-30-96 to JC,
to sample annually

11-27-96 BL letter
denying request